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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003\_0941

First Named Inventor : Naganori SHIRAKATA et al.

Title: MODULATOR, DEMODULATOR, AND TRANSMISSION  
SYSTEM FOR USE IN OFDM TRANSMISSION

Express Mail Label No.:

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2. ☐ Small Entity Status is hereby asserted.

3. ☒ Specification [Total Pages: 47]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Sequence Listing, a table, or a computer program listing appendix.

- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113) [Total Sheets: 16]

5. ☒ Oath or Declaration [Total Pages : 3]
- a.1. ☐ Newly executed (original or copy)
- a.2. ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet (see 37 CFR 1.76)

Commissioner for Patents  
ADDRESS TO: P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or computer program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ The paper and computer readable copies are identical

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)  
☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449  
☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other Claim of Priority Under 35 USC 119

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. 09/317,961

Prior Application Information: Examiner David E. Odland

Group Art Unit 2662

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS



000513

PATENT TRADEMARK OFFICE

By:

*David M. Ovedovitz*  
David M. Ovedovitz  
Registration No. 45,336

WENDEROTH, LIND & PONACK, L.L.P.  
2033 "K" Street, N.W., Suite 800  
Washington, D.C. 20006-1021  
Phone:(202) 721-8200  
Fax:(202) 721-8250

July 8, 2003

THE COMMISSIONER IS AUTHORIZED  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :

Naganori SHIRAKATA et al. :

Serial No. NEW :

Attn: APPLICATION BRANCH

Filed July 8, 2003 :

Attorney Docket No. 2003\_0941

MODULATOR, DEMODULATOR, AND  
TRANSMISSION SYSTEM FOR USE IN  
OFDM TRANSMISSION  
(Rule 1.53(b) Divisional  
of Serial No. 09/317,961,  
Filed May 25, 1999)

PATENT OFFICE FEE TRANSMITTAL FORM

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Alexandria, VA 22313-1450

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Sir:

Attached hereto is a check in the amount of \$1,338.00 to cover Patent Office fees relating to filing the following attached papers:

Rule 53(b) application ..... \$750.00

Additional Claims Fee:

Independent ..... \$588.00

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,

Naganori SHIRAKATA et al.

By David M. Ovedovitz  
David M. Ovedovitz  
Registration No. 45,336  
Attorney for Applicants

DMO/jmj  
WENDEROTH, LIND & PONACK, L.L.P.  
2033 K St., N.W., Suite 800  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
July 8, 2003

[Check No. 56541]

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